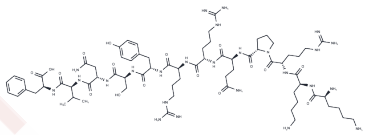
# Data Sheet (Cat.No.TP2205)

TargetMol

## DAPK Substrate Peptide

### Chemical Properties



CAS No. : 386769-53-5

Formula: C70H115N25O17

Molecular Weight: 1578.82

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

### Biological Description

| | |
|---|---|
| Description | DAPK Substrate Peptide is a synthetic peptide substrate for death-associated protein kinase (DAPK) [Km = 9 μM]. |
| Targets(IC50) | Others,DAPK |

### Solubility Information

| | |
|---|---|
| Solubility | H2O: 1 mg/mL (0.63 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 0.6334 mL | 3.1669 mL | 6.3338 mL |
| 5 mM | 0.1267 mL | 0.6334 mL | 1.2668 mL |
| 10 mM | 0.0633 mL | 0.3167 mL | 0.6334 mL |
| 50 mM | 0.0127 mL | 0.0633 mL | 0.1267 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference


Kohanski MA, Dwyer DJ, Collins JJ. How antibiotics kill bacteria: from targets to networks. Nat Rev Microbiol. 2010 Jun;8(6):423-35.

Wilson DN. The A-Z of bacterial translation inhibitors. Crit Rev Biochem Mol Biol. 2009 Nov-Dec;44(6):393-433.

Noeske J, Huang J, Olivier NB, et al. Synergy of streptogramin antibiotics occurs independently of their effects on translation. Antimicrob Agents Chemother. 2014 Sep;58(9):5269-79.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481